

# JIS

JAPANESE  
INDUSTRIAL  
STANDARD

Translated and Published by  
Japanese Standards Association

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**JIS C 8105-2-5** : 2017

(JLMA/JSA)

**Luminaires—Part 2-5: Particular  
requirements for safety—Floodlights**

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ICS 13.260;29.140.40

Reference number : **JIS C 8105-2-5 : 2017 (E)**

Date of Establishment: 1999-03-20

Date of Revision: 2017-03-21

Date of Public Notice in Official Gazette: 2017-03-21

Investigated by: Japanese Industrial Standards Committee  
Standards Board for IEC area  
Technical Committee on Electricity

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JIS C 8105-2-5:2017, First English edition published in 2017-07

Translated and published by: Japanese Standards Association  
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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In the event of any doubts arising as to the contents,  
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Printed in Japan

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Lighting Manufacturers Association (JLMA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS C 8105-2-5:2010** is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

**JIS C 8105** series consists of the following 22 parts under the general title “*Luminaires*”:

*Part 1: General requirements for safety*

*Part 2-1: Particular requirements for safety—Fixed general purpose luminaires*

*Part 2-2: Particular requirements for safety—Recessed luminaires*

*Part 2-3: Particular requirements for safety—Luminaires for road and street lighting*

*Part 2-4: Particular requirements for safety—Portable general purpose luminaires*

*Part 2-5: Particular requirements for safety—Floodlights*

*Part 2-6: Particular requirements for safety—Luminaires with built-in transformers or converters for filament lamps*

*Part 2-7: Particular requirements for safety—Portable luminaires for garden use*

*Part 2-8: Particular requirements for safety—Handlamps*

*Part 2-9: Particular requirements—Photo and film luminaires (non-professional)*

*Part 2-11: Particular requirements—Aquarium luminaires*

*Part 2-12: Particular requirements—Mains socket-outlet mounted nightlights*

*Part 2-13: Particular requirements for safety—Ground recessed luminaires*

*Part 2-14: Particular requirements—Luminaires for cold cathode tubular discharge lamps (neon tubes) and similar equipment*

*Part 2-17: Particular requirements for safety—Luminaires for stage lighting, television, film and photographic studios (outdoor and indoor)*

*Part 2-19: Particular requirements for safety—Air-handling luminaires*

*Part 2-20: Particular requirements for safety—Lighting chains*

*Part 2-22: Particular requirements—Luminaires for emergency lighting*

*Part 2-23: Particular requirements—Extra low voltage lighting systems for filament lamps*

*Part 2-24: Particular requirements—Luminaires with limited surface temperatures*

*Part 3: General requirements for performance*

*Part 5: Gonio-photometric methods*

# Luminaires—Part 2-5: Particular requirements for safety— Floodlights

## Introduction

This Japanese Industrial Standard has been prepared based on the third edition of **IEC 60598-2-5** published in 2015 with some modifications of the technical contents, considering the natural environment in Japan.

The vertical lines on both sides or dotted underlines indicate changes from or addition to the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

## 5.1 Scope

This Standard specifies requirements for safety of floodlights for use with electrical light sources on supply voltages not exceeding 1 000 V.

NOTE : The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

IEC 60598-2-5:2015 *Luminaires—Part 2-5: Particular requirements—Floodlights* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

## 5.2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS C 8105-1 *Luminaires—Part 1: General requirements for safety*

NOTE : Corresponding International Standard: IEC 60598-1 *Luminaires—Part 1: General requirements and tests* (MOD)

JIS C 60068-2-75 *Environmental testing—Part 2-75: Tests—Test Eh: Hammer tests*

NOTE : Corresponding International Standard: IEC 60068-2-75 *Environmental testing—Part 2-75: Tests—Test Eh: Hammer tests* (IDT)

IEC 62262 *Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)*

## 5.3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in section 1 of **JIS C 8105-1**, and the following apply.